

# Freeform Search

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<b>Database:</b>	US Pre-Grant Publication Full-Text Database
	US Patents Full-Text Database
	US OCR Full-Text Database
	EPO Abstracts Database
	JPO Abstracts Database
	Derwent World Patents Index
	IBM Technical Disclosure Bulletins

  

<b>Term:</b>	l3 and L4
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<b>Display:</b>	<input type="text" value="10"/> Documents in Display Format:	<input type="text" value="KWIC"/> Starting with Number	<input type="text" value="1"/>
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<b>Generate:</b>	<input type="radio"/> Hit List	<input checked="" type="radio"/> Hit Count	<input type="radio"/> Side by Side	<input type="radio"/> Image
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Search	Clear	Interrupt
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## Search History

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**DATE:** Tuesday, April 27, 2004    [Printable Copy](#)    [Create Case](#)

### Set Name Query

side by side

### Hit Count Set Name

result set

*DB=USPT; PLUR=YES; OP=ADJ*

<u>L5</u>	l3 and L4	20	<u>L5</u>
<u>L4</u>	adaptive filter	3142	<u>L4</u>
<u>L3</u>	l1 and L2	48	<u>L3</u>
<u>L2</u>	extract\$3	441889	<u>L2</u>
<u>L1</u>	error signal same echo signal	250	<u>L1</u>

END OF SEARCH HISTORY

First Hit   Fwd Refs

Generate Collection

L3: Entry 3 of 5

File: USPT

Apr 5, 1988

DOCUMENT-IDENTIFIER: US 4736414 A

TITLE: Method of and device for the digital cancellation of the echo generated in connections with time-varying characteristics

Detailed Description Text (10):

Block FTR comprises the digital transversal filter emitting at the output an estimate signal  $z(k)$  of the echo-signal  $z(k)$ . Signal  $z(k)$  is then subtracted from the signal  $y(k)$  in block SOM to obtain the error-signal  $e(k)$  or the residual echo which is also supplied to FTR itself for updating the filter coefficients.